

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval				
Description Work Order Deviation				Disposition							
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter		☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes		☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center		☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence	
				OTHER :							

Work Order ID 136964

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136964

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Item ID: D500-560-041

Accept

N19000040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cargo Mirror Installation

Start Date: 9/22/2015 Start Qty: 3.00

3

Cust Item ID:

Required Date: 10/2/2015 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

Pick Kit

0.00

130

Packaging

Memo

0.00

Packaging

DAS
27
9-89

SEP 24 2015

140

QC4- 100% Inspect kits for completeness

0.00

140

QC

Memo

0.00

Quality Control

DAS
6
9-89

SEP 24 2015

150

Packaging

0.00

150

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D500-560-041
LOCATION: FG011DAS
6
9-89

SEP 24 2015

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Item ID: D500-560-041

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Cargo Mirror Installation

Stop ***NS2***

Start Date: 9/22/2015 Start Qty: 3.00

3

Cust Item ID:

Required Date: 10/2/2015 Req'd Qty: 3.00

3

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.01

Quality Control

MLJSEP 24 201520150924
Su

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

Picklist Print

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Work Order ID: 136964

136964

Parent Item: D500-560-041

D500-560-041

Parent Item Name: Cargo Mirror Installation

Start Date: 9/22/2015

Required Date: 10/2/2015

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:E03.10.15Reformat; Removed D2057KJ/RF
IPP Rev:F 08-05-27 as per ECN1195p DD verified by:EC IPP Rev:G
10.04.22 chg route seq DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN526C1032R10 *AN526C1032R10* Screw		Purchased	No		should be in today.	110	Each	0.0000	4	8	27	9-89	
D1048 *D1048* Clamp		Manufactured	No			110	Each	17.0000	2	64			
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				GA			17						
				132154			17						
D1049 *D1049* Saddle		Manufactured	No			110	Each	11.0000	2	64			
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				GA			11						
				117825			11						
D2010-101 *D2010-101* Mirror Bracket 369/500		Manufactured	No			110	Each	5.0000	1	62			
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST479			5						
				117229			5						

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• Picklist Print

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Work Order ID: 136964

136964

Parent Item: D500-560-041

D500-560-041

Parent Item Name: Cargo Mirror Installation

Start Date: 9/22/2015

Required Date: 10/2/2015

Start Qty: 3.00

Required Qty: 3.00

D2010-103

Manufactured No

110 Each

4.0000

1 3

D2010-103

Mirror Arm 369/500

DAS
27
9-89

Location

Loc Qty

Loc Code

ST351

4

125146

2

130911

2

D2011-101

Manufactured No

110 Each

30.0000

1 3

D2011-101

Mirror 6"

DAS
27
9-89

Location

Loc Qty

Loc Code

FG

2

106348

2

ST384

28

122000

13

135152

15

AN3-4A

Purchased No

140 Each

106.0000

4 12

AN3-4A

Bolt

SEP 23 2015

DAS
27
9-89

SEP 24 2015

Location

Loc Qty

Loc Code

ST350

106

m129682

96

m132317

5

m133064

5

DAS
6
9-89

8